



# MATERIALS TECHNOLOGY SET TO LOWER COSTS



## REDUCE ENVIRONMENTAL HAZARDS IN F-35 AND OTHER AIRCRAFT

The Air Force is poised to reduce hazardous materials in aircraft, and save big dollars over the long haul, through a small business partnership.

With the backing of a SBIR contract, Massachusetts-based Triton Systems successfully developed a technology to produce nickel-free material systems. In addition to eliminating nickel and associated environmental hazards, Triton's technology provides compelling cost savings for F-35 and other aircraft platforms. On the U.S. F-35 fleet alone, this could lead to an estimated \$550 million savings across the life cycle of the program. Additional savings are possible if partner aircraft and those provided under the Foreign Military Sales program are taken into account.

The technology has been developed and demonstrated in close collaboration with F-35 manufacturers, Northrop Grumman and Lockheed Martin.

- Estimated \$550M in savings
- Potential for foreign military sales



**Triton Systems**

Chelmsford, Massachusetts

For full story click here:

[http://www.wpafb.af.mil/Portals/60/documents/afri/sbir/Innovation\\_AF071-109\\_TritonSystems\\_20141121.pdf](http://www.wpafb.af.mil/Portals/60/documents/afri/sbir/Innovation_AF071-109_TritonSystems_20141121.pdf)

